

Recombinant Mouse Interferon regulatory factor 5(Irf5)

Catalog No: #AP70451

Package Size: #AP70451-1 20ug #AP70451-2 100ug #AP70451-3 1mg

Description

Product Name	Recombinant Mouse Interferon regulatory factor 5(Irf5)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-497aaSequence Info:Full Length
Accession No.	P56477
Calculated MW	72 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MNHSAPGIPPPRRVRLKPWLVAQVNSCQYPGLQWVNGEKKLFYIPWRHATRHGPSQDGDNTIFKAWAKET GKYTEGVDEADPAKWKANLRCALNKS RDFQLFYDGP RDMPPQPYKIYEVCSNGPAPTESQPTDDYVLGEEE EEEEELQRMLPGLSITEPALGPPNAPYSLPKEDTKWPPALQPPVGLGPPVPDPNLLAPPSGNPAGFRQLLP EVLEPGPLASSQPPTPELLPDLLISPHMLPLTDLEIKFYRGRAPRTLISNPQGCRLFYSQL EATQE QVELFGP VTLEQVRFPSPEDIPSDKQRFYTNQLLDVLDRLILQLQGQDLYAIRLCQCKVFWSGPCALAHGSCPNPIQRE VKTKLFSLEQFLNELILFQKGQTNTPPPFEIFFCFGEEWPDVKPREKKLITVQVVPVAARLLLEMFSGELSWSA DSIRLQISNPDLDHMEVQFKELHHLWQSQQQLQPMVQAPPVAGLDASQGPWPMHPVGMQ
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Transcription factor involved in the induction of interferons IFNA and INFB and inflammatory cytokines upon virus infection. Activated by TLR7 or TLR8 signaling .

References

Generation of mutant mice deficient in IRF5.Grossman A., Kondo S., Antonio L., Mak T.W. Functional regulation of MyD88-activated interferon regulatory factor 5 by K63-linked polyubiquitination.Balkhi M.Y., Fitzgerald K.A., Pitha P.M.Mol. Cell. Biol. 28:7296-7308(2008)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.